

**IN THE CLAIMS:**

1. (Currently amended) A method of promoting new neuron growth in a patient comprising the step of:

administering to a patient in need thereof a therapeutic amount of a nitric oxide donor compound selected from the group consisting of DETANONOate, PAPANONOate, S-nitroso-N-acetylpenicillamine, sodium nitroprusside, sodium nitroglycerine, ~~phosphodiesterase inhibitors~~ and L-arginine; and phosphodiesterase inhibitors to a patient in need of neuron growth promotion post stroke.

2-5 (Canceled).

6. (Currently amended) A method of augmenting the production of neurons in a patient by administering to a patient in need thereof an elective effective amount of a nitric oxide donor selected from the group consisting of DETANONOate, PAPANONOate, S-nitroso-N-acetylpenicillamine, sodium nitroprusside, sodium nitroglycerine, ~~phosphodiesterase inhibitors~~ and L-arginine; and phosphodiesterase inhibitors to a site in need of augmentation post stroke.

7. (Currently amended) A method of increasing neurological function in a patient via new neuron growth by administering to a patient in need thereof an elective effective amount of a nitric oxide donor selected from the group consisting of DETANONOate, PAPANONOate, S-nitroso-N-acetylpenicillamine, sodium nitroprusside, sodium nitroglycerine, ~~phosphodiesterase inhibitors~~ and L-arginine; and phosphodiesterase inhibitors to a site in need of augmentation post stroke.

8 (Canceled).